

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE
DEPENDENT RESURVEY OF
A PORTION OF THE SUBDIVISIONAL LINES,
AND THE
SUBDIVISION OF SECTION 12,
TOWNSHIP 29 NORTH, RANGE 86 WEST,
OF THE SIXTH PRINCIPAL MERIDIAN,
IN THE STATE OF WYOMING.

EXECUTED BY

LYNN A. FORBES

CADASTRAL SURVEYOR

Under Special Instructions dated JUNE 14, 1999, approved JUNE 14, 1999, which provided for the surveys included under Group Number 664, and assignment instructions dated JUNE 14, 1999.

Survey commenced JUNE 23, 1999

Survey completed JULY 6, 1999

INDEX DIAGRAM

Township 29 North, Range 86 West

6	5	4	3	2	1 2
7	8	9	10	11	12 2
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

T. 29 N., R. 86 W., Sixth Principal Meridian, Wyoming

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 12, Township 29 North, Range 86 West, Sixth Principal Meridian, Wyoming.

William O. Downey and Mortimer N. Grant surveyed the east boundary in 1881. Anthony C. Kimmell dependently resurveyed the exterior boundaries and subdivisional lines in 1940. The Bureau of Biological Survey performed an unofficial administrative survey of the Pathfinder Wildlife Refuge in 1934. This survey was never recorded with the General Land Office.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 664, Wyoming, dated June 14, 1999.

Preliminary to the resurvey, the lines of the previous surveys were retraced and diligent search was made for all corners and other calls of the field note record. Identified corners were remonumented in their original positions; lost corners were reestablished and monumented at proportionate positions based on the latest official record, but only after exhausting every possibility of finding direct evidence of such corners. The retracement data was thoroughly verified and only true line field notes are given herein, which refer to the completed survey.

The survey was executed with a Global Positioning System (GPS) TRIMBLE Model 4000 receiver and by chaining methods. The instruments were maintained in proper adjustment at all times. The direction of all lines refer to the true meridian. All directions, distances and geographic positions were determined by GPS.

The geographic position of the cor. of sections 7, 12, 13 and 18, on the east boundary of the Township, based on NAD 83 (1993) and determined by GPS, is:

Latitude 43° 29' 29.69" N., Longitude 107° 04' 23.73" W.

The magnetic declination is 12° E.

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 29 N., R. 86 W., Sixth Principal Meridian, Wyoming

CHAINS	
	<p>(Restoring the dependent resurvey executed by Anthony C. Kimmell in 1940)</p> <hr/>
	<p>Beginning at the cor. of sec. 7, 12, 13, and 18, on the E. bdy. of the Tp., monumented with an iron post, 2 ins. diam., as described in the field notes of the dependent resurvey, T. 29 N., R. 85 W., executed concurrently under this same group.</p>
	<p>N. 89° 30' W., bet. secs. 12 and 13.</p>
	<p>Over rolling and boulder strewn terrain.</p>
19.66	<p>Point for the E. 1/16 sec. cor. of sec. 12 and 13.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., on top of granite outcrop, supported by a mound of stone, 4 ft. base to top, with brass cap mkd.</p>
	<p style="text-align: center;">T29N R86W S 12 E1/16—— S 13 1999</p>
	<p>Set a steel fence post alongside the iron post.</p>
39.32	<p>The 1/4 sec. cor. of secs. 12 and 13, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">S 12 1/4 —— S 13 1940</p> <p>Cor. is located at cor. of fences extending N. and W.</p> <hr/>
	<p>From the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp., monumented with an iron post, 2 ins. diam., as described in the field notes of the dependent resurvey, T. 29 N., R. 85 W., executed concurrently under this same group.</p>
	<p>N. 89° 11' W., bet. secs. 1 and 12.</p>
	<p>Over gently rolling terrain.</p>

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 29 N., R. 86 W., Sixth Principal Meridian, Wyoming

CHAINS	
19.86	<p>Point for the E. 1/16 sec. cor. of secs. 1 and 12.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T29N R86W S 1 E1/16—— S 12 1999</p> <p>From this point, a steel rod, 24 ins. long, 1 in. diam., set by person(s) unknown, bears S. 45° W., 35 lks. dist.</p> <p>Bury the steel rod and set a steel fence post alongside the iron post.</p>
39.72	<p>The 1/4 sec. cor. of secs. 1 and 12, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, with a mound of stone, 3 ft. base, 3 ft. high, N. of the cor., with brass cap mkd.</p> <p style="text-align: center;">S 1 1/4 —— S 12 1940</p> <hr/> <p style="text-align: center;">Subdivision of Section 12, T. 29 N., R. 86 W., Sixth Principal Meridian, Wyoming</p> <hr/> <p>From the 1/4 sec. cor. of secs. 12 and 13.</p> <p>N. 0° 25' W., on the N. and S. center line of sec. 12.</p> <p>Over gently rolling terrain, along fence.</p>
20.03	<p>Point for the center S. 1/16 sec. cor. of sec. 12.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T29N R86W C S1/16 S 12 C 1999</p>

Subdivision of Section 12,
T. 29 N., R. 86 W., Sixth Principal Meridian, Wyoming

CHAINS	
	Cor. is located in fence extending N. and S.
38.00	Sweetwater River, course SE.
40.06	Point for the center 1/4 sec. cor. of sec. 12, at intersection with the E. and W. center line.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.
	T29N R86W
	C1/4 S 12
	1999
	Cor. is located in fence extending N. and S.
79.71	The 1/4 sec. cor. of secs. 1 and 12.
	From the 1/4 sec. cor. of secs. 7 and 12, on the E. bdy. of the Tp.
	N. 89° 43' W., on the E. and W. center line of sec. 12.
	Over gently rolling terrain.
11.00	Sweetwater River, course NE.
19.88	Point for the center E. 1/16 sec. cor. of sec. 12.
	Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.
	T29N R86W
	E1/16
	C———C
	S 12
	1999
	Set a steel fence post alongside the iron post.
39.76	The center 1/4 sec. cor. of sec. 12.
50.50	Sweetwater River, course S.

Subdivision of Section 12,
T. 29 N., R. 86 W., Sixth Principal Meridian, Wyoming

CHAINS	
79.36	<p>The 1/4 sec. cor. of secs. 11 and 12, monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above the ground, in a mound of stone, 2 ft. base to top, with brass cap mkd.</p>
	<p style="text-align: center;">1/4 S 11 S 12 1940</p>
	<p>From the E. 1/16 sec. cor. of secs. 12 and 13.</p> <p>N. 0° 06' W., on the N. and S. center line of the SE¼ of sec. 12.</p> <p>Over rolling rocky terrain.</p>
20.07	<p>Point for the SE. 1/16 sec. cor. of sec. 12, at intersection with the E. and W. center line of the SE¼.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, in a mound of stone, 2 ft. base to top, with brass cap mkd.</p>
	<p style="text-align: center;">T29N R86W</p> <p style="text-align: center;">SE 1/16 S 12</p> <p style="text-align: center;">1999</p>
	<p>Set a steel fence post alongside the iron post.</p> <p>Cor. is located in bottom of draw, 1 ch. wide, drains N.</p>
27.00	Sweetwater River, course NE.
40.14	The center E. 1/16 sec. cor. of sec. 12.
	<p>From the S. 1/16 sec. cor. of secs. 7 and 12.</p> <p>N. 89° 36' W., on the E. and W. center line of the SE¼ of sec. 12.</p> <p>Over gently rolling terrain.</p>
19.77	The SE. 1/16 sec. cor. of sec. 12.
39.54	The center S. 1/16 sec. cor. of sec. 12.

T. 29 N., R. 86 W., Sixth Principal Meridian, Wyoming

CHAINS

GENERAL DESCRIPTION

The area encompassed by this survey is situated in the southern portion of Natrona County, approximately 48 miles southwest of Casper, Wyoming. The terrain is gently rolling with an elevation of about 5,900 feet above sea level. The soil is primarily sandy loam, with large granite outcrops in the southeast quarter of section 12. The vegetation consisting of native grasses and sagebrush, with scattered pine and juniper.

Drainage of the area is northerly into the Pathfinder Reservoir.

Access is provided by Wyoming State Highway No. 220, by the Buzzard Ranch Road, and by numerous trails in the area. There was no residences or mineral activity in this area at the time of the survey.

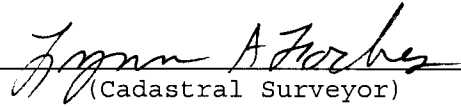
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CERTIFICATE OF SURVEY

I, Lynn A. Forbes, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 14th day of June, 1999, I have dependently resurveyed a portion of the subdivisional lines, and subdivided section 12, Township 29 North, Range 86 West, of the Sixth Principal Meridian, in the State of Wyoming, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

NOV 14 2002

(Date)


(Cadastral Surveyor)

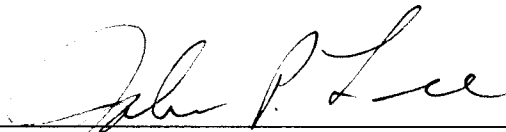
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Cheyenne, Wyoming

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 12, Township 29 North, Range 86 West, Sixth Principal Meridian, Wyoming, executed by Lynn A. Forbes, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

NOV 14 2002

(Date)



(Signature of Authorized Officer)